

Title (en)
PACKING OR UNPACKING MACHINE

Publication
EP 0251032 A3 19881109 (DE)

Application
EP 87108697 A 19870616

Priority
DE 3620717 A 19860620

Abstract (en)
[origin: US4793762A] A packing or unpacking machine having conveyor tracks for articles and containers, with transfer units that are guided in a circular path above these conveyer tracks. Each of the transfer units has a pick-up and carrier head on a support element that can be raised and lowered. A movement mechanism is provided for generating a relative movement for the pick-up and carrier heads relative to the support elements, with this relative movement being superimposed over the rotational movement of the support elements, so that during respective rotation of the support elements, which follow the circular path, the pick-up and carrier heads are moved in a common elliptical or elliptical-like overall path of revolution. In so doing, the respective pick-up and carrier heads are moved about a vertical axis such that a constant parallel position is maintained relative to the conveyer tracks. In this way, not only are the pick-up and carrier heads moved in the transport direction of the conveyer tracks for a period of time that is sufficient to permit reliable pick-up or depositing of the articles, but also a smooth, quiet rotation of the pick-up and carrier heads in the overall path of revolution is achieved.

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B65B 21/18

IPC 8 full level
B65B 5/06 (2006.01); **B65B 21/18** (2006.01); **B67C 3/24** (2006.01)

CPC (source: EP US)
B65B 21/183 (2013.01 - EP US)

Citation (search report)
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• [A] FR 2529179 A1 19831230 - SASIB SPA [IT]
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Designated contracting state (EPC)
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